MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER, 1927

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

SEPTEMBER 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	757.0	756.6	757.0	756.9	30.9	24.6		4.5	
2	6.9	6.9	7.6	7.1	29.6	25.0		9.0	
3	7.7	7.2	7.2	7.4	30.9	24.5		8.7	
4	7.0	6.2	6.2	6.5	30.5	23.8		9.0	
5	6.0	6.7	7.8	6.8	30.8	24.3		10.5	
6	758.8	758.3	758.4	758.5	31.6	23.9		11.0	
7	7.9	7.1	7.6	7.5	30.3	24.4		10.2	
8	6.1	6.9	7.2	6.7	30.6	23.9		11.4	
9	8.0	7.6	8.3	7.6	30.2	23.3		11.7	
10	8.6	7.3	7.7	7.9	31.1	25.6		11.5	
11	757.6	756.2	756.3	756.7	31.7	25.1		11.6	
12	7.8	7.2	8.6	7.9	31.0	25.1		10.2	
13	6.8	9.3	9.1	8.4	30.6	25.0		6.5	
14	9.0	8.1	7.9	8.3	29.4	23.9		9.1	
15	6.4	6.1	6.2	6.2	29.4	25.1		10.4	
16	756.0	755.3	756.0	755.8	27.1	23.2		10.6	
17	6.4	6.0	6.5	6.3	27.3	23.6		9.5	
18	7.0	6.7	6.5	6.7	30.0	23.3		10.1	
19	7.7	7.3	2.6	5.8	27.8	22.8		11.2	
20	7.6	8.5	8.2	8.1	30.1	22.6		10.2	
21	759.0	752.0	757.8	756.3	30.8	22.6		10.6	
22	9.8	8.8	9.1	9.2	30.1	23.3		10.1	
23	9.0	7.6	7.8	8.1	29.2	22.8		9.4	
24	8.2	9.5	8.1	8.6	29.6	23.6		9.2	
25	8.4	8.4	9.5	8.7	29.6	23.9		11.2	
26	760.0	759.3	759.3	759.5	26.7	22.6		10.8	
27	759.0	7.2	7.5	7.9	29.4	24.8		11.0	
28	8.1	7.9	8.4	8.1	30.7	25.6		9.8	
29	8.9	8.5	8.9	8.8	29.9	23.8		10.8	
30	760.2	9.3	9.7	9.7	29.9	22.8		11.0	
	757.9	757.3	757.6	757.6	29.9	23.8		10.0	

BAROMETER

Maximum 759.8 on 22nd

Minimum 752.6 on 19th

THERMOMETER

Maximum 31.7 on 11th

Minimum 22.6 on 20th, 21st, 26th

RAINFALL

Maximum

Number of days with rain 0, thundersto rms 2, gales 0.

SEPTEMBER 1927
METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	27.8	28.9	26,3	27.7	24.2	23.7	22.2	18.2	16.7	16.8	17.2	70	59	65	65
2	28.8	30.7	26,9	28.8	22.4	22.3	21.4	15.6	14.4	15.0	15.0	53	43	57	51
3	28,9	29.6	25.7	28.1	21.3	22.2	21.1	13.9	14.1	16,7	14.9	46	46	70	54
4	28.7	30.4	26.4	28.5	21.5	22.9	20.5	14.2	15.4	19.0	16.2	48	48	54	47
5	28.3	30.6	25,6	28,2	22.3	23.4	21.7	15.7	16.2	16.3	16.1	55	50	67	57
6	28.6	30.0	26.6	28.4	22.3	24.3	23.1	15.6	18.1	18.1	17.3	54	57	69	60
7	27.8	29.6	26.7	28,0	23.5	23.9	23.2	18.1	17.7	18.4	18.1	65	57	70	64
8	27.8	29.8	26,4	28.0	23.3	24.1	22.9	17.8	17.8	17.9	17.8	64	57	70	64
9	28.3	30.6	27.1	28,7	23.8	24.0	20.3	18,2	17.2	13.3	16.2	63	53	50	55
10	28.0	30.7	28.9	29.2	19.3	23.4	22.8	11.6	16.1	16.1	14.6	41	48	54	48
11	29.3	30.9	26.6	28.7	23.8	25.2	21.5	17.6	19.1	15.8	17.5	57	57	62	59
12	28.9	29.7	32.0	30,2	22.4	25.1	23.1	15.5	19.9	18.4	17.9	52	64	71	62
13	26.8	28.5	26.4	27.2	22.5	23.1	21.8	17.0	16.9	16.0	16.6	64	58	62	61
14	26.8	28.7	25.4	27.0	22.1	22.8	22.2	16.2	16.2	17.3	16.6	61	55	72	63
15	25.8	29.4	24.9	26.7	22.6	23.2	22.1	17.8	16.6	11.6	15.3	71	54	75	67
16	26.5	29.4	25.5	27.1	23.2	24.5	23.6	18.4	18.9	20.1	19.1	70	61	83	71
17	26.1	29.8	26.2	27.4	23.5	24.8	23.8	19.4	19.1	19.9	19.5	77	61	78	72
18	27.4	29.6	26.8	27.9	24.4	25.1	24.1	20.2	19.9	20.0	20.0	75	63	76	71
19	27.7	30.4	25.3	27.8	23.3	25.0	23.3	17.9	19.1	19.7	18.9	65	59	81	68
20	27.8	30.6	26.2	29.5	24.4	25.1	24.0	20.0	19.2	20.4	19.9	72	59	80	70
21	28 2	29.5	25.1	27.6	23.8	24.1	22.6	18.4	19.0	18.3	18.6	64	62	77	68
22	27.3	28.9	24.6	26.9	22.6	23.2	22.0	16.7	18.1	20.2	18.3	61	63	76	67
23	26.6	29.1	25.7	27.1	22.8	23.9	23.6	17.7	18.0	19.7	18.5	68	59	80	69
24	27.3	31.7	25.1	28.0	26 1	24.3	22.6	23.0	16.9	18.3	19.3	89	48	76	71
25	27.8	29.3	24.9	27.3	26.4	23.6	22.6	24.2	17.4	17.7	19.8	88	58	76	74
26	27.9	31.7	25.0	28,2	23.0	26.6	23.2	17.2	21,3	19.7	19.4	61	60	83	75
27	28.5	29,8	26.0	28.1	23.7	25.6	24.0	17.9	20.7	20,5	19.7	61	65	82	69
28	27.2	29.3	26.1	27.5	24.6	24.8	23.3	20.7	19.6	19.1	19.8	78	65	75	73
29	27.8	28.9	24.4	27,0	22.2	23.9	22.3	15.9	18.1	18.4	17.5	57	60	80	66
30	27.3	29.5	25.5	27.4	23.4	24.8	23.8	18.2	19.7	20.4	19.4	67	66	83	72
31															
	27.7	29.8	26.1	27.9	23.2	24.1	23.0	17.6	17.9	17.9	17.9	64.6	51 8	71.1	64.4

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1·70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

11 30

SEPTEMBER 1927

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	5ni	7ni	5ni	5.7	1w	2w	1w	110.0	v. slight	
2	6str.cu	2str.cu	8ni	5.3	1w	2w	1ne	117.2	,,	
3	3str.	1str.cu	4ni	2.7	0	2w	0	99.7	mod.	
4	1str.cu	1str.	0	0.7	0	1w	0	96.8	calm	s.dt.rn.d.day
5	3str.ni	3str.cu	3str.cu	3.0	0	2nw	1	232.2	v. slight	
6	0	2str.cu	7str.ni	3.0	0	1nw	0	136.3	mod.	
7	3str.cu	2str.cu	4str.ni	3.0	1w	1w	1	134.2	,,	
8	1str.cu	2str.cu	0	1.0	0	1nw	0	157.2	calm	
9	1	0	0	0.3	1ne	2nw	3n	180.7	mod.	
10	0	0	0	0.0	2ne	2n	3n	598.6	v. slight	
11	0	0	0	0.0	0	2ne	1ne	383.0	mod.	
12	0	1str.	1str.cu	0.7	0	1nw	0	206.0	calm	haze in mor.
13	2str.ni	3str.cu	10ni	5.0	1nw	1nw	1w	226.9	mod.	
14	2ni	0	0	0.7	0	0	0	149.7	calm	
15	2str.cu	0	0	0.7	0	1n	0	125.5	,,	
16	1str.cu	1str.	1	1.0	0	1nw	1	94.8	,,	
17	2	1	1str.cu	1.3	0	1se	1	139.5	,,	
18	1str.cu	1	0	0.7	1e	1se	1s	150.7	,,	haze in mor.
19	1	0	0	0.3	1e	1w	0	35.1	,,	
20	1str.cu	1str.cu	0	0.7	1w	1w	0	160.9	mod.	haze in mor.
21	0	1str.cu	0	0.3	0	1w	0	188.6	calm	
22	1	1str.cu	0	0.7	0	1w	0	75.7	,,	
23	2str.cu	0	0	0.7	0	1nw	0	111.0	,,	gent.br.mor.
24	6str.	7str.cu	0	4.3	1ne	1nw	0	169.9	mod.	
25	2str.cu	2str.cu	0	1.3	0	1w	0	101.4	calm	gent.br.mor.
26	0	0	1	0.3	0	1n	0	144.8	,,	,,
27	1	2str.cu	0	1.0	0	2n	0	266.1	,,	
28	1str.cu	3str.cu	0	1.3	1nw	1n	0	198.5	,,	
29	3str.cu	2	0	1.7	0	2nw	0	80.8	,,	
30	1str.cu	2	0	1.0	0	2nw	0	118.1	,,	gent.br.mor.
				1.6				164.5		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	3	2	0	0	0	4	2	19
2:30	5	1	0	2	0	0	10	11	1
8.30	2	2	0	0	1	4	2	0	19
Totals	7	6	2	2	1	4	16	13	39

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.